



07-12-04

AF/2874
Jhu

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/056,830	
	Filing Date	January 24, 2003	
	First Named Inventor	Shibin JIANG	
	Art Unit	2874	
	Examiner Name	Dung T. Nguyen	
Total Number of Pages in This Submission	13	Attorney Docket Number	NP-0009

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return receipt postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Supplemental IDS Cover Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Eric A. Gifford
Signature	
Date	07/07/04

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as Express mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 07-07-04		
Typed or printed	Dawn Ebertowski	
Signature		Date 07-07-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Docket No. NP-0009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Shubin JIANG et al.

Serial No.: 10/056,830

Filing Date: January 24, 2002

For: RARE-EARTH DOPED PHOSPHATE-
GLASS SINGLE-MODE FIBER
LASERS

Examiner: Dung (Michael) T Nguyen

Group Art Unit: 2874

INFORMATION DISCLOSURE STATEMENT COVER LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants have listed publication dates on the attached PTO-1449 based on information made available to the undersigned in a PCT Search Report for related application PCT/US03/01380.

U.S. Patent RE 35,962 teaches a single longitudinal mode fiber laser in which a pair of Bragg gratings are used to delimit the gain portion thereby forming a laser resonator. The Bragg gratings have a reflectivity profile that is a maximum at a central wavelength corresponding to a central longitudinal mode of the laser resonator, which combined with the fiber gain are such that lasing occurs only at the central longitudinal mode. The configuration assumes practical low-gain fiber lasers (col. 6, line 37). For example 2-4dB/m (col. 6, line 39). More specifically an erbium doped germanosilicate fiber composition is used (col. 5, lines 21-30). Ball does not teach single mode lasers with high gain Er:Yb co-doped phosphate glass in an optical resonant cavity of 5cm or less.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered..

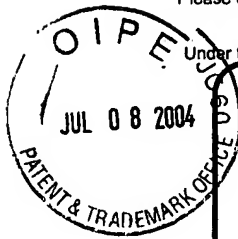
Sincerely,

Eric A. Gifford

Registration No. 33,501

NP Photonics, Inc.
9030 S. Rita Road, Suite 120
Tucson, AZ 85747
Phone: (520) 799-7400
Fax: (520) 799-7403

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/056,830
Filing Date	January 24, 2003
First Named Inventor	Shibin JIANG
Group Art Unit	2874
Examiner Name	Dung T. Nguyen
Attorney Docket Number	NP-0009

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date	
Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**